

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in this application.

Listing of Claims:

1. (Currently Amended) A muscle strength increasing system used for developing muscles of at least one of the limbs of a wearer while restricting the blood flow therethrough by means of applying a predetermined compression pressure to said limb, the muscle strength increasing system comprising a muscle strength increasing device having a compressing member for tightening and compressing muscles and a compression pressure controller for controlling said compression pressure,

said compression pressure controller being for controlling said compression pressure so that it does not exceed a preset critical compression pressure, the compression pressure controller comprising:

first recording means on which said preset critical compression pressure is recorded, the compression pressure controller controlling said compression pressure based on said preset critical compression pressure recorded on the first recording means;

predetermined first input means for supplying said preset critical compression pressure to said first recording means through its operation;

second recording means on which a maximum value of said compression pressure is recorded, the compression pressure controller controlling said compression pressure based on the maximum value of said compression pressure recorded on the second recording means,

predetermined second input means for supplying the maximum value of said compression pressure to said second recording means through its operation, the maximum value of said

compression pressure recorded on said second recording means being controlled not to exceed said preset critical compression pressure; and

a main body having said second recording means,

wherein said first input means is adapted to ~~ean~~ freely be attached to and removed from said main body.

2. (Original) The muscle strength increasing system as claimed in Claim 1, wherein said muscle strength increasing device comprises a hollow tight fitting band having a tube therein to which the air is to be supplied with a predetermined pump, and fastening means for use in keeping a length of said tight fitting band in a loop having a desired size,

the muscle strength increasing system comprising a pressure gauge for measuring the air pressure within said tube,

said compression pressure controller being adapted to control said compression pressure based on the air pressure within said tube that is measured by said pressure gauge.

3. (Canceled)

4. (Currently Amended) A muscle strength increasing system used for developing muscles of at least one of the limbs of a wearer while restricting the blood flow therethrough by means of applying a predetermined compression pressure to said limb, the muscle strength increasing system comprising a muscle strength increasing device having a compressing member for tightening and compressing muscles and a compression pressure controller for controlling said compression pressure,

said compression pressure controller being configured to control said compression pressure so that the time interval during which said compression pressure is applied to the wearer

falls within a range that does not exceed a preset critical compression duration, the compression pressure controller comprising:

first recording means on which said preset critical compression duration is recorded, the compression pressure controller controlling said compression pressure based on the preset critical compression duration recorded on the first recording means;

predetermined first input means for entering said preset critical compression duration to said first recording means through its operation;

second recording means on which a maximum value of a time interval during which said compression pressure is applied to the wearer is recorded, the compression pressure controller controlling said compression pressure based on the maximum value of the time interval during which said compression pressure is applied to the wearer, which is recorded on the second recording means;

predetermined second input means for entering said maximum value of the time interval during which said compression pressure is applied to the wearer, to said second recording means through its operation, said maximum value being controlled not to exceed said preset critical compression duration; and

a main body having said second recording means,

wherein said first input means is adapted to ~~can~~ freely be attached to and removed from said main body.

5. (Original) The muscle strength increasing system as claimed in Claim 4, wherein said compression pressure controller has time counting means for measuring time during which said compression pressure is applied,

said compression pressure controller being adapted to reduce said compression pressure when the time measured by the time counting means exceeds a predetermined time interval.

6. (Cancelled)

7. (Currently Amended) A muscle strength increasing system used for developing muscles of at least one of the limbs of a wearer while restricting the blood flow therethrough by means of applying a predetermined compression pressure to said limb, the muscle strength increasing system comprising a muscle strength increasing device having a compressing member for tightening and compressing muscles and a compression pressure controller for controlling said compression pressure,

said compression pressure controller being for controlling said compression pressure and/or the time interval during which said compression pressure is applied to said limbs, the compression pressure controller comprising:

first recording means on which a preset critical compression pressure is recorded, the compression pressure controller controlling said compression pressure based on said preset critical compression pressure recorded on the first recording means;

predetermined first input means for supplying said preset critical compression pressure to said first recording means through its operation;

second recording means on which a maximum value of said compression pressure is recorded, the compression pressure controller controlling said compression pressure based on the maximum value of said compression pressure recorded on the second recording means,

predetermined second input means for supplying the maximum value of said compression pressure to said second recording means through its operation, the maximum value of said

compression pressure recorded on said second recording means being controlled not to exceed said preset critical compression pressure; and

a main body having said second recording means,

wherein said first input means ~~can~~ is adapted to freely be attached to and removed from said main body.

8. (Currently Amended) A compression pressure control unit of a muscle strength increasing device for controlling a predetermined compression pressure used for developing muscles of at least one of the limbs of a wearer while restricting the blood flow therethrough by means of applying said compression pressure to said limb, the compression pressure control unit having a compressing member tightening and compressing muscles,

the compression pressure control unit controlling said compression pressure so that it does not exceed a preset critical compression pressure, the compression pressure control unit comprising:

first recording means on which said preset critical compression pressure is recorded, the compression pressure control unit controlling said compression pressure based on said preset critical compression pressure recorded on the first recording means;

predetermined first input means for supplying said preset critical compression pressure to said first recording means through its operation;

second recording means on which a maximum value of said compression pressure is recorded, the compression pressure control unit controlling said compression pressure based on the maximum value of said compression pressure recorded on the second recording means,

predetermined second input means for supplying the maximum value of said compression pressure to said second recording means through its operation, the maximum value of said

compression pressure recorded on said second recording means being controlled not to exceed said preset critical compression pressure; and

a main body having said second recording means,

wherein said first input means is adapted to ~~ean~~ freely be attached to and removed from said main body.

9. (Currently Amended) A compression pressure control unit of a muscle strength increasing device for controlling a predetermined compression pressure used for developing muscles of at least one of the limbs of a wearer while restricting the blood flow therethrough by means of applying said compression pressure to said limb, the compression pressure control unit having a compressing member tightening and compressing muscles,

the compression pressure control unit controlling said compression pressure so that the time interval during which said compression pressure is applied to the wearer falls within a range that does not exceed a preset critical compression duration, the compression pressure control unit comprising:

first recording means on which said preset critical compression duration is recorded, the compression pressure control unit controlling said compression pressure based on the preset critical compression duration recorded on the first recording means;

predetermined first input means for entering said preset critical compression duration to said first recording means through its operation;

second recording means on which a maximum value of a time interval during which said compression pressure is applied to the wearer is recorded, the compression pressure control unit controlling said compression pressure based on the maximum value of the time interval during

which said compression pressure is applied to the wearer, which is recorded on the second recording means;

predetermined second input means for entering said maximum value of the time interval during which said compression pressure is applied to the wearer, to said second recording means through its operation, said maximum value being controlled not to exceed said preset critical compression duration; and

a main body having said second recording means,

wherein said first input means is adapted to be attached to and removed from said main body.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Previously Amended) The compression pressure control unit as claimed in Claim 8, comprising authentication means for determining whether or not an input from said first input means is allowed, wherein

the input from said first input means is accepted only when said authentication means performs authentication indicating that the input is permitted.

14. (Original) The compression pressure control unit as claimed in Claim 13, wherein said authentication means comprises:

an authentication operator for entering data for authentication; and decision means for determining whether the data for authentication received from the authentication operator are valid,

said authentication being made when said authentication means determines that said data for authentication are valid.

15. (Currently Amended) The compression pressure control unit as claimed in Claim 13, wherein said authentication means comprises:

~~reading means for reading~~ is configured to read data for authentication from a predetermined recording medium; and

~~decision means for determining to determine~~ whether said data for authentication read ~~by from the reading means~~ the predetermined recording medium are valid;

said authentication being made when said authentication means determines that said data for authentication are valid.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Currently Amended) The compression pressure control unit as claimed in Claim 17, comprising authentication means for determining whether or not an input from said ~~third~~ first input means is allowed, wherein

the input from said ~~third~~ first input means is accepted only when said authentication means performs authentication indicating that the input is permitted.

20. (Original) The compression pressure control unit as claimed in Claim 19, wherein said

authentication means comprises:

an authentication operator for entering data for authentication; and

decision means for determining whether the data for authentication received from the authentication operator are valid,

said authentication being made when said authentication means determines that said data for authentication are valid.

21. (Currently Amended) The compression pressure control unit as claimed in Claim 19,

wherein said authentication means ~~comprises:~~

~~reading means for reading~~ is configured to read data for authentication from a predetermined recording medium; and

~~decision means for determining~~ to determine whether said data for authentication read by ~~from the reading means~~ predetermined recording medium are valid;

said authentication being made when said authentication means determines that said data for authentication are valid.